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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = HOPPE

First Name = MANFRED

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>06449850</u>	4511684	150	12/15/1982	FLAME RETARDANT POLYAMIDES AND AGENT FOR INDUCING FLAME RETARDANCY	HOPPE, MANFRED
<u>06549574</u>	4647630	150	11/07/1983	PROCESS FOR THE PREPARATION OH HIGHLY VISCOUS OR HEAT DISTORTION- RESISTANT POLYAMIDE WHICH AT LEAST PARTIALLY CROSSLINKED WITH FUNCTIONAL SILANE	HOPPE, MANFRED
<u>06816805</u>	4731421	150	01/07/1986	TRANSPARENT COPOLYAMIDE FROM BIS(4-AMINO-3,5-DIETHYL CYCLOHEXYL) METHANE	HOPPE, MANFRED
<u>06858657</u>	Not Issued	166	05/01/1986	TRANSPARENT COPOLYAMIDES AND PROCESS FOR THE PRODUCTION THEREOF	HOPPE, MANFRED
<u>06863619</u>	Not Issued	166	05/15/1986	THERMOPLASTIC POLYAMIDE MOLDING MATERIALS HAVING REDUCED WATER UPTAKE	HOPPE, MANFRED
<u>07082936</u>	4767811	150	08/05/1987	THERMOPLASTIC POLYAMIDE MOULDING MATERIALS HAVING REDUCED WATER UPTAKE CONTAINING EPOXY COMPOUND	HOPPE, MANFRED
<u>07089736</u>	Not Issued	163	08/26/1987	IMPACT RESISTANT POLYAMIDE COMPOSITIONS	HOPPE, MANFRED
<u>07093106</u>	4847356	150	09/01/1987	TRANSPARENT COPOLYAMIDE FROM BIS(4-AMINO -3,5-DIETHYL CYCLOHEXYL) METHANE	HOPPE, MANFRED
<u>07219996</u>	Not Issued	166	07/15/1988	IMPACT-RESISTANT AND RIGID POLYAMIDE COMPOSITIONS	HOPPE, MANFRED

<u>07362912</u>	Not Issued	166	06/08/1989	MIXTURES OF BLUE AZO DISPERSE DYESTUFFS	HOPPE, MANFRED
<u>07366797</u>	5028701	150	06/15/1989	MONAZO COMPOUNDS CONTAINING A 1-PHENYL-2- PYRAZOLINE COUPLING COMPONENT	HOPPE, MANFRED
<u>07368563</u>	Not Issued	161	06/20/1989	IMPACT RESISTANT POLYAMIDE COMPOSITIONS	HOPPE, MANFRED
<u>07463779</u>	Not Issued	166	01/08/1990	IMPACT-RESISTANT AND RIGID POLYAMIDE COMPOSITIONS	HOPPE, MANFRED
<u>07482368</u>	Not Issued	166	02/20/1990	MIXTURES OF BLUE AZO DISPERSE DYESTUFFS	HOPPE, MANFRED
<u>07566631</u>	5095102	150	08/13/1990	6-SUBSTITUTED SULPHONYL-8- SULPHO-2-NAPHTHYL MONOAZO REACTIVE DYESTUFFS	HOPPE, MANFRED
<u>07591660</u>	5102994	150	10/02/1990	DIDPERSE AZO DYESTUFFS CONTAINING A THIOCYONATO GROUP	HOPPE, MANFRED
<u>07604710</u>	Not Issued	164	10/24/1990	REACTIVE DYESTUFFS	HOPPE, MANFRED
<u>07606409</u>	5278293	250	10/31/1990	AZO DYESTUFFS AND INTERMEDIATE PRODUCTS FOR THIER PREPARATION	HOPPE, MANFRED
<u>07606412</u>	5132410	150	10/31/1990	AZO REACTIVE DYESTUFFS CONTAINING A FLUOROTRIAZINYL GROUP	HOPPE, MANFRED
<u>07622337</u>	5177144	150	11/27/1990	IMPACT-RESISTANT AND RIGID POLYAMIDE COMPOSITIONS	HOPPE, MANFRED
<u>07653840</u>	5270454	150	02/11/1991	REACTIVE DYESTUFFS	HOPPE, MANFRED
<u>07673961</u>	Not Issued	163	03/22/1991	IMPACT RESISTANT POLYAMIDE COMPOSITIONS	HOPPE, MANFRED
<u>07673963</u>	Not Issued	161	03/22/1991	POLYAMIDE OF DICARBOXYLIC ACIDS AND A MIXTURE OF HEXAMETHYLENE DIAMINE AND A CYCLIC DIAMINE	HOPPE, MANFRED
<u>07697862</u>	5440039	150	05/09/1991	PROCESS FOR THE CONTINUOUS REACTION OF CYANURIC FLUORIDE WITH AMINES AND A REACTOR FOR CARRYING OUT THIS PROCESS	HOPPE, MANFRED
<u>07713931</u>	5176718	250	06/12/1991	REACTIVE DYESTUFF PREPARATIONS CONTAINING PYRIDINE DERIVATIVES	HOPPE, MANFRED

<u>07809833</u>	<u>5160348</u>	150	12/17/1991	MIXTURES OF BLUE AZO DISPERSE DYESTUFFS	HOPPE, MANFRED
<u>07818328</u>	<u>5239063</u>	250	01/09/1992	FIBRE REACTIVE AZO DYESTUFFS	HOPPE, MANFRED
<u>07821238</u>	Not Issued	161	01/10/1992	MIXTURES OF BLUE AZO DISPERSE DYESTUFFS	HOPPE, MANFRED
<u>07878130</u>	<u>5241056</u>	150	05/04/1992	REACTIVE MONOAZO DYESTUFFS WHICH CONTAIN ALKYLBENZENE AND CHLOROFLUORO PYRIMIDINE SUBSTITUENTS	HOPPE, MANFRED
<u>07880110</u>	<u>5340928</u>	150	05/06/1992	REACTIVE DYESTUFF CONTAINING TRIAZINYL AND HALOPYRIMIDINE MOETIES	HOPPE, MANFRED
<u>07925974</u>	<u>5321079</u>	150	08/05/1992	IMPACT RESISTANT POLYAMIDE COMPOSITIONS	HOPPE, MANFRED
<u>07970897</u>	Not Issued	166	11/03/1992	PROCESS FOR THE CONTINOUS REACTION OF HALOGENOPYRIMIDINES WITH AMINES	HOPPE, MANFRED
<u>07971165</u>	<u>5332813</u>	150	11/03/1992	PROCESS FOR THE CONTINUOUS REACTION OF DIFLUOROTRIAZINYL COMPOUNDS WITH AMINES	HOPPE, MANFRED
<u>07982171</u>	<u>5428141</u>	150	11/24/1992	AZO DYESTUFFS CONTAINING FLUOROTRIAZINYL AND VINYLSULFONYLMETRHYL- TYPE REACTIVE GROUPS	HOPPE, MANFRED
<u>08027453</u>	<u>5321119</u>	150	03/08/1993	IMPACT RESISTANT POLYAMIDE COMPOSITIONS	HOPPE, MANFRED
<u>08028249</u>	<u>5333591</u>	150	03/10/1993	DEVICE TO CONTROL A GAS- FIRED APPLIANCE	HOPPE, MANFRED
<u>08054115</u>	<u>5405947</u>	150	04/27/1993	TRIAZINE RING-CONTAINING REACTIVE DYESSTUFFS, THEIR PREPARTION AND USE	HOPPE, MANFRED
<u>08054118</u>	<u>5597902</u>	150	04/27/1993	BI-AND POLYFUNCTIONAL REACTIVE DYESTUFFS, THEIR PREPARTION AND THEIR USE	HOPPE, MANFRED
<u>08143559</u>	<u>5356444</u>	150	10/26/1993	PHTHALOCYANINE REACTIVE DYESTUFF MIXTURE	HOPPE, MANFRED
<u>08188403</u>	Not Issued	161	01/24/1994	COATING SYSTEM SETTABLE BY HEAT	HOPPE, MANFRED
<u>08198127</u>	Not Issued	161	02/16/1994	REACTIVE DYESTUFF BLUE MIXTURES HAVING IMPROVED METAMERISM	HOPPE, MANFRED

<a href="#">08200865</a>	<a href="#">5420255</a>	150	02/22/1994	PROCESS FOR THE CONTINUOUS REACTION OF HALOGENOPYRIMIDINES WITH AMINES	HOPPE, MANFRED
<a href="#">08214732</a>	<a href="#">5493010</a>	150	03/17/1994	SO2X- CONTAINING FIBER-REACTIVE AZO DYESTUFFS	HOPPE, MANFRED
<a href="#">08215787</a>	Not Issued	161	03/22/1994	COATING SYSTEM SETTABLE BY HEAT	HOPPE, MANFRED
<a href="#">08250729</a>	<a href="#">5541300</a>	150	05/27/1994	AZO DYESTUFFS CARRYING SULPHONYLATED AMINO-HALO-TRIAZINYL REACTIVE SITE PLUS SECOND DIFFERENT SITE	HOPPE, MANFRED
<a href="#">08260153</a>	<a href="#">5460631</a>	150	06/15/1994	BIFUNCTIONAL REACTIVE DYESTUFF MIXTURE	HOPPE, MANFRED
<a href="#">08344646</a>	Not Issued	166	11/18/1994	THERMOSETTING COATING SYSTEM	HOPPE, MANFRED
<a href="#">08367512</a>	Not Issued	161	12/30/1994	DYESTUFF PREPARATIONS	HOPPE, MANFRED
<a href="#">08469171</a>	<a href="#">6313234</a>	150	06/06/1995	COATING SYSTEM SETTABLE BY HEAT	HOPPE, MANFRED
<a href="#">08518273</a>	<a href="#">5741602</a>	150	08/23/1995	HEAT-CURABLE COATING COMPOSITION COMPRISING PLURALITY OF BINDER RESINS	HOPPE, MANFRED

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**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = HOPPE

First Name = MANFRED

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08518275</a>	<a href="#">5538759</a>	150	08/23/1995	EPOXY-FREE, HEAT-CURABLE COATING SYSTEM	HOPPE, MANFRED
<a href="#">08598628</a>	Not Issued	161	02/12/1996	THERMOSETTING COATING SYSTEM	HOPPE, MANFRED
<a href="#">08682038</a>	Not Issued	161	07/16/1996	REACTIVE DYESTUFFS, THEIR PREPARATION AND THEIR USE	HOPPE, MANFRED
<a href="#">08682039</a>	<a href="#">5686642</a>	150	07/16/1996	COMPOUNDS USEFUL FOR THE PREPARATION OF BI- AND POLYFUNCTIONAL REACTIVE DYESTUFFS	HOPPE, MANFRED
<a href="#">09271820</a>	<a href="#">6121352</a>	150	03/18/1999	DISPERSE AZO DYE MIXTURES	HOPPE, MANFRED
<a href="#">09319518</a>	Not Issued	161	08/16/1999	METHODS AND DEVICE FOR DETERMINING THE GASEOUS QUALITY OF A GAS MIXTURE	HOPPE, MANFRED
<a href="#">10613002</a>	Not Issued	30	07/02/2003	Disperse azo dye mixtures	HOPPE, MANFRED

**Inventor Search Completed: No Records to Display.**

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## Inventor Name Search Result

Your Search was:

Last Name = HIMENO

First Name = KIYOSHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>06186372</u>	4313731	150	09/12/1980	MONO-AZO COMPOUND, MONO-AZO DYE AND DYEING PROCESS FOR POLYESTER FIBERS	HIMENO KIYOSHI
<u>06334005</u>	4621136	150	12/23/1981	PHENYL AZO CYANOTHENYL AZO AMILINO DYESTUFFS 21	HIMENO KIYOSHI
<u>06371165</u>	Not Issued	166	04/23/1982	DIS-AZO COMPOUND	HIMENO KIYOSHI
<u>06372264</u>	Not Issued	166	04/26/1982	DIS-AZO DYE FOR POLYESTER FIBERS	HIMENO KIYOSHI
<u>06457872</u>	4760133	150	01/14/1983	PROCESS FOR PREPARING DISAZO DYES WITH BIS-ANILINA METHANE COUPLING COMPONENT	HIMENO KIYOSHI
<u>06482802</u>	4542207	150	04/07/1983	HETEROCYCLIC MONOAZO DYES FOR POLYESTER FIBERS	HIMENO KIYOSHI
<u>06493314</u>	4494957	150	05/10/1983	DYE COMPOSITIONS FOR POLYESTER FIBERS	HIMENO KIYOSHI
<u>06495874</u>	Not Issued	166	05/18/1983	THIOPHENE DISAZO DYES FOR DYEING CELLULOSE-CONTAINING FIBERS	HIMENO KIYOSHI
<u>06546661</u>	Not Issued	161	10/28/1983	DISAZO DYESTUFFS FOR CELLULOSE-CONTAINING FIBERS	HIMENO KIYOSHI
<u>06554112</u>	4564673	150	11/21/1983	3-CYANO-5-NITROTHIOPHENE ANILINS MONOAZO DYES FOR SYNTHETIC FIBERS	HIMENO KIYOSHI
<u>06566732</u>	Not Issued	166	12/29/1983	DISAZO DYESTUFFS HAVING A MONOFLUOROTRAZINYL GROUP	HIMENO KIYOSHI
<u>06568340</u>	4507476	150	01/05/1984	ANTHRAQUINONE DYESTUFFS FOR CELLULOSE-CONTAINING FIBERS	HIMENO KIYOSHI
<u>06583216</u>	Not Issued	166	02/24/1984	MONOAZO DYESTUFFS FOR POLYESTER FIBERS	HIMENO KIYOSHI
<u>06583233</u>	4837309	150	02/24/1984	MONOHALO SUBSTITUTED TRIAZINYL MONOAZO DYESTUFFS FOR	HIMENO KIYOSHI

				CELLULOSE- CONTAINING FIBERS	
<u>06616392</u>	<u>4505715</u>	150	06/01/1984	MONOAZO DYESTUFF MIXTURES TO DYE POLYESTER YELLOW	HIME: KIYO:
<u>06624581</u>	Not Issued	166	06/26/1984	REACTIVE MONOAZO DYESTUFFS	HIME: KIYO:
<u>06668739</u>	<u>4626590</u>	150	11/06/1984	REACTIVE MONOAZO AND DISAZO PYRIDONE DYESTUFFS CONTAINER A HALO- SUBSTITUTED 6- MEMBER N- CONTAINING HETEROCYCLIC RING	HIME: KIYO:
<u>06683323</u>	<u>4841036</u>	150	12/18/1984	PHENYL AZOTHIEENYLTHIAZOLYL AZOANILINE DIS-AZO DYE FOR POLYESTER FIBERS	HIME: KIYO:
<u>06714702</u>	Not Issued	161	03/21/1985	DISAZO DYESTUFFS	HIME: KIYO:
<u>06766312</u>	<u>4743684</u>	150	08/16/1985	REACTIVE PHTHALOCYANINE DYES	HIME: KIYO:
<u>06772518</u>	<u>4699982</u>	150	09/04/1985	PERINONE COMPOUND	HIME: KIYO:
<u>06788501</u>	<u>4642339</u>	250	10/18/1985	THIAZOLEOZOPHENYLAMINOEDTHYL CARBONYLOXY-C 8-C10 ALKYL COMPOUNDS USEFUL AS DYES FOR POLYESTER FIBERS	HIME: KIYO:
<u>06793010</u>	Not Issued	168	10/30/1985	MONOAZO DYESTUFFS	HIME: KIYO:
<u>06822680</u>	<u>4707546</u>	150	01/23/1986	REACTIVE MONOAZO DYESTUFFS	HIME: KIYO:
<u>06843927</u>	<u>4623719</u>	150	03/24/1986	DISAZO DYESTUFFS HAVING A MONOFLUOROTRIAZINYL GROUP	HIME: KIYO:
<u>06925884</u>	Not Issued	166	10/30/1986	DISAZO DYESTUFFS	HIME: KIYO:
<u>06946964</u>	<u>4734101</u>	150	12/29/1986	RED BENZOTHAZOLE MONOAZO DYE FOR POLYESTER FIBER, MIXED DYE CONTAINING THE SAME, AND METHOD OF DYEING POLYESTER FIBER USING THE SAME	HIME: KIYO:
<u>07038121</u>	Not Issued	166	04/14/1987	REACTIVE DISAZO DYESTUFFS	HIME: KIYO:
<u>07065184</u>	<u>4801696</u>	150	06/22/1987	PHENYL AZOCYANOTHIOPHENAZOANILINE DYES FOR DYEING CELLULOSE- CONTAINING FIBERS IN BLUE TO BLuish GREEN SHADES	HIME: KIYO:
<u>07108726</u>	Not Issued	161	10/14/1987	WATER-SOLUBLE DISAZO COLORANTS	HIME: KIYO:
<u>07158068</u>	Not	161	02/12/1988	DIS-AZO COMPOUND	HIME:

	Issued				KIYO:
<u>07206941</u>	Not Issued	161	06/09/1988	DISAZO DYESTUFFS	HIME: KIYO:
<u>07243310</u>	4985545	250	08/15/1988	WATER-SOLUBLE FORMAZAN COLORANT CONTAINING REACTIVE GROUP AND METHOD OF DYEING BY ITS USE	HIME: KIYO:
<u>07394159</u>	Not Issued	163	08/14/1989	REACTIVE DISAZO DYESTUFFS	HIME: KIYO:
<u>07437622</u>	5019133	150	11/17/1989	METHOD FOR DYEING POLYESTER- CONTAINING FIBERS IN AN ALKALINE DYEING BATH AND DYEING ASSISTANT AN AMINO-ACID COMPOUND	HIME: KIYO:
<u>07658677</u>	Not Issued	166	02/21/1991	WATER-INSOLUBLE NAPHTHALIC ACID IMIDE DYESTUFFS	HIME: KIYO:
<u>07887934</u>	5278294	150	05/26/1992	MONOAZO DYE HAVING DIAMINOPYRIDINE DERIVATIVES	HIME: KIYO:
<u>07893022</u>	5340930	150	06/03/1992	MONOAZO DYE HAVING A THIOPHENE DERIVATIVE AS DIAZO COMPONENT	HIME: KIYO:
<u>07940789</u>	5290931	250	09/04/1992	WATER-INSOLUBLE NAPHTHALIC ACID IMIDE DYESTUFFS	HIME: KIYO:
<u>07988813</u>	5332404	150	12/10/1992	DISPERSE DYE MIXTURES	HIME: KIYO:
<u>08038813</u>	5532344	150	03/29/1993	A PROCESS FOR PRODUCING A MONOAZODYE BY DIAZO-COUPPING OF A P-NITROANALINE DERIVATIVE WITH A N,N-SUBSTITUTED ANALINE DERIVATIVE	HIME: KIYO:
<u>08049410</u>	5380827	150	04/20/1993	WATER-SOLUBLE MONOAZODYE CONTAINING A TRIAZINYL OR PYRIMIDINYL GROUP AND AT LEAST ONE VINYL SULFONYL TYPE GROUP IN ITS STRUCTURE	HIME: KIYO:
<u>08090311</u>	5440024	150	07/13/1993	3-CYANO-5-NITROTHIOPHENE MONOAZO DYES AND MIXTURES THEREOF	HIME: KIYO:
<u>08100294</u>	5368612	250	08/02/1993	METHOD OF DYEING A FIBER MIXTURE WITH WATER-INSOLUBLE NAPHTHALIC ACID IMIDE DYESTUFFS	HIME: KIYO:
<u>08319033</u>	5494492	150	10/06/1994	DISPERSE DYE COMPOSITION AND METHOD FOR DYEING HYDROPHOBIC FIBERS WITH IT	HIME: KIYO:
<u>08346187</u>	5494493	150	11/22/1994	DISPERSE DYE MIXTURE	HIME: KIYO:



<a href="#">08360085</a>	<a href="#">5505742</a>	150	12/20/1994	METHOD FOR DYEING HYDROPHOBIC FIBERS BLACK AND DYE USEFUL FOR THE METHOD	HIME: KIYO:
<a href="#">08399660</a>	<a href="#">5527888</a>	150	03/07/1995	THIOPHENE-TYPE MONOAZO DYES	HIME: KIYO:
<a href="#">08444576</a>	<a href="#">5569309</a>	150	05/19/1995	DISPERSE DYE COMPOSITIONS	HIME: KIYO:
<a href="#">08555171</a>	<a href="#">5595575</a>	150	11/08/1995	BLUE DISPERSE DYE MIXTURE	HIME: KIYO:

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## Inventor Name Search Result

Your Search was:

Last Name = HIMENO

First Name = KIYOSHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08594487</a>	<a href="#">5608042</a>	150	01/31/1996	BENZOTHAZOLEMONOAZO DYES	HIMENO, KIYOSHI
<a href="#">08729027</a>	<a href="#">5744588</a>	150	10/09/1996	BLUE TYPE DISPERSE DYE MIXTURE AND PROCESS FOR ITS PREPARATION	HIMENO, KIYOSHI
<a href="#">08732723</a>	<a href="#">5734028</a>	150	10/18/1996	BLUE TYPE DISPERSE DYE MIXTURE	HIMENO, KIYOSHI
<a href="#">08981200</a>	Not Issued	161	06/26/1998	METHOD OF DYEING FIBER MIXTURE	HIMENO, KIYOSHI
<a href="#">09271820</a>	<a href="#">6121352</a>	150	03/18/1999	DISPERSE AZO DYE MIXTURES	HIMENO, KIYOSHI
<a href="#">09445905</a>	Not Issued	161	02/22/2000	COLOR-STABLE MONOAZO COLORANT, ITS PRODUCTION AND USE	HIMENO, KIYOSHI
<a href="#">09695768</a>	Not Issued	164	10/25/2000	BLUE MONOAZO DISPERSE DYESTUFF	HIMENO, KIYOSHI
<a href="#">10613002</a>	Not Issued	30	07/02/2003	Disperse azo dye mixtures	HIMENO, KIYOSHI
<a href="#">10834428</a>	Not Issued	30	04/29/2004	Disperse dye mixtures	HIMENO, KIYOSHI
<a href="#">10947031</a>	Not Issued	93	09/22/2004	AOX-FREE NAVY AND BLACK DISPERSE DYES	HIMENO, KIYOSHI
<a href="#">60470314</a>	Not Issued	159	05/14/2003	Disperse dye mixtures	HIMENO, KIYOSHI
<a href="#">60505773</a>	Not Issued	159	09/25/2003	AOX-free navy and black disperse dyes	HIMENO, KIYOSHI

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## Inventor Name Search Result

Your Search was:

Last Name = SEKIOKA

First Name = RYOUICHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">07887934</a>	<a href="#">5278294</a>	150	05/26/1992	MONOAZO DYE HAVING DIAMINOPYRIDINE DERIVATIVES	SEKIOKA, RYOUICHI
<a href="#">07893022</a>	<a href="#">5340930</a>	150	06/03/1992	MONOAZO DYE HAVING A THIOPHENE DERIVATIVE AS DIAZO COMPONENT	SEKIOKA, RYOUICHI
<a href="#">07899701</a>	<a href="#">5304222</a>	150	06/17/1992	MONOAZO BENZOTHAZOLE DISPERSE DYE MIXTURE	SEKIOKA, RYOUICHI
<a href="#">08319033</a>	<a href="#">5494492</a>	150	10/06/1994	DISPERSE DYE COMPOSITION AND METHOD FOR DYEING HYDROPHOBIC FIBERS WITH IT	SEKIOKA, RYOUICHI
<a href="#">08360085</a>	<a href="#">5505742</a>	150	12/20/1994	METHOD FOR DYEING HYDROPHOBIC FIBERS BLACK AND DYE USEFUL FOR THE METHOD	SEKIOKA, RYOUICHI
<a href="#">08399660</a>	<a href="#">5527888</a>	150	03/07/1995	THIOPHENE-TYPE MONOAZO DYES	SEKIOKA, RYOUICHI
<a href="#">08555171</a>	<a href="#">5595575</a>	150	11/08/1995	BLUE DISPERSE DYE MIXTURE	SEKIOKA, RYOUICHI
<a href="#">08594487</a>	<a href="#">5608042</a>	150	01/31/1996	BENZOTHAZOLEMONOAZO DYES	SEKIOKA, RYOUICHI
<a href="#">08732723</a>	<a href="#">5734028</a>	150	10/18/1996	BLUE TYPE DISPERSE DYE MIXTURE	SEKIOKA, RYOUICHI
<a href="#">08981200</a>	Not Issued	161	06/26/1998	METHOD OF DYEING FIBER MIXTURE	SEKIOKA, RYOUICHI
<a href="#">09271820</a>	<a href="#">6121352</a>	150	03/18/1999	DISPERSE AZO DYE MIXTURES	SEKIOKA, RYOUICHI
<a href="#">10613002</a>	Not Issued	30	07/02/2003	Disperse azo dye mixtures	SEKIOKA, RYOUICHI

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<b>Search</b>
	<input type="text" value="sekioka"/>	<input type="text" value="ryouichi"/>	

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"se type azo disperse dyes"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:10
L2	1048	"se type"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:18
L3	330	"azo disperse dye"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:18
L4	104774	aniline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:18
L5	5258	"vinyl cyanide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:19
L6	104774	aniline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:19
L7	5258	"vinyl cyanide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:19
L8	139	L6 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:19
L9	15151	"benzyl chloride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:19
L10	15151	"benzyl chloride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:19

L11	2467	L6 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:19
L12	2467	L6 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:20
L13	4	L12 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:20
L14	1	"dalian dyestuff"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:20
L15	11690	"disperse dye"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:20
L16	130578	azo diazo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:20
L17	11690	"disperse dye"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:20
L18	130578	azo diazo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:20
L19	3383	L17 and L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:20
L20	74	"se type" and dye	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 16:21



# **STIC Search Report**

**EIC 1700**

**STIC Database Tracking Number: 174865**

**TO: Patrick Niland  
Location: REM 10C13  
Art Unit : 1714  
December 22, 2005**

**Case Serial Number: 10/613002**

**From: Mrs. Kendra Banks  
Location: EIC 1700  
REM 4B28  
Phone: 571-272-2516**

**Kendra.Mellerson@uspto.gov**

## **Search Notes**

No Cases Reported

US 6,121,352



**Suggs, Faye (ASRC)**

---

174865

**From:** Niland, Patrick  
**Sent:** Tuesday, December 20, 2005 4:55 PM  
**To:** STIC-EIC1700  
**Subject:** Litigation Search

Could you please do a litigation search for Patent No. 6121352 which is subject to reissue application no. 10/613002.

Thanks,  
Patrick Niland  
Art Unit 1714  
Remsen 10-C13  
571-272-1121

SCIENTIFIC REFERENCE BR  
Sci & Tech Inf - Cnt  
DEC 22 2005  
Pat. & T.M. Office

**Current session 22/12/2005****Query/Command : N**

..FILE / ..INFO / ..GUIDE

**Query/Command : FILE PLUSPAT**

QUESTEL - Time in minutes : 3,68

The cost estimation below is based on Questel's  
standard price list

	Estimated cost :	3.98 USD
Cost estimated for the last database search :		3.98 USD
Estimated total session cost	:	3.98 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.  
Comprehensive Worldwide Patents database  
Individual records for each Country or Patent Office  
Coverage: 75 patenting authorities; start dates vary from 1800 forward  
For PlusPat Fact Sheet, Pricing and FAQ, see the Questel.Orbit website  
Now available: Citations / Search Reports for German (DE) documents  
Last update of file: 2005/12/21 (YYYY/MM/DD) 2005-50/UP (last update)

Search statement 1

**Query/Command : US6121352/PN****\*\* SS 1: Results 1**

Search statement 2

**Query/Command : PRT FULL NONSTOP LEGALALL**

---

*1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image*

**PN** - US6121352 A 20000919 [US6121352]  
**TI** - (A) Disperse azo dye mixtures  
**PA** - (A) DYSTAR TEXTIFARBEN GMBH & CO (DE)  
**PA0** - Dystar Textifarben GmbH & Company, [DE]  
**IN** - (A) HOPPE MANFRED (DE); HIMENO KIYOSHI (JP); SEKIOKA  
RYOICHI (JP)  
**AP** - US27182099 19990318 [1999US-0271820]  
**PR** - DE19812615 19980323 [1998DE-1012615]  
DE19816056 19980409 [1998DE-1016056]

**IC** - (A) C08K-005/34 D06P-003/82  
**EC** - C09B-067/00M8B2  
**PCL** - ORIGINAL (O) : 524190000; CROSS-REFERENCE (X) : 008524000  
008527000 008532000 008533000 008639000 008662000 008696000  
008921000 008922000 008924000  
**DT** - Corresponding document  
**CT** - US4795807; US5174792; DE229422; GB2030169; GB1582743  
Chemical Abstract, vol. 114, (1991), p. 101, Abstract No. 145436d and CN-A 1  
036 974. Preparing N-cyanoethyl-N-benzylaniline derivatives for disperse azo  
dyes.  
**STG** - (A) United States patent  
**AB** - The present invention relates to dye mixtures comprising at least one compound  
of the formula (I) (Chemical Structure image '1' not included in text) and at least  
one compound of the formula (II) (Chemical Structure image '2' not included in  
text) where the substituents are each as defined in the description part, which are  
highly useful for dyeing and printing hydrophobic synthetic material.  
**UP** - 2000-35

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*1 / 1 LGST - ©EPO*

**PN** - US6121352 A 20000919 [US6121352]  
**AP** - US27182099 19990318 [1999US-0271820]  
**ACT** - 20031028 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20030702  
**UP** - 2003-45

---

*1 / 1 CRXX - ©CLAIMS/RRX*

**PN** - 6,121,352 A 20000919 [US6121352]  
**PA** - Dystar Textilfarben GmbH & Co Deutschland KG DE  
**ACT** - 20030702 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20031028  
REISSUE REQUEST NUMBER: 10/613002  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1714

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

LGST - Time in minutes : 0,01  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 0.01 USD  
Records displayed and billed : 1  
Estimated cost : 0.65 USD  
Cost estimated for the last database search : 0.66 USD  
Estimated total session cost : 4.64 USD

CRXX - Time in minutes : 0,01  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 0.01 USD  
Records displayed and billed : 1  
Estimated cost : 5.70 USD  
Cost estimated for the last database search : 5.71 USD  
Estimated total session cost : 10.35 USD

LITA - Time in minutes : 0,00  
The cost estimation below is based on Questel's  
standard price list  
Estimated total session cost : 10.35 USD

PLUSPAT - Time in minutes : 0,42  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 1.15 USD  
Records displayed and billed : 1  
Estimated cost : 1.40 USD  
Cost estimated for the last database search : 2.55 USD  
Estimated total session cost : 12.90 USD

Selected file: INPADOC

You are now connected to INPADOC  
Covers 1968/1973 thru weekly updates (2005-50)  
For information on content, (..)INFO INPD.

Search statement 1

#### Query/Command : FAM US6121352/PN

1 Patent Groups

#### \*\* SS 1: Results 16

Search statement 2

#### Query/Command : FAMSTATE NONSTOP

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1 / 16 INPADOC - ©INPADOC

PN - BR 9900607 A 20000118 [BR9900607]  
TI - MISTURAS DE AZOCORANTES DISPERSOS.  
IN - HOPPE MANFRED DR; HIMENO KIYOSHI; SEKIOKA RYOUICHI  
PA - DYSTAR TEXTILFARBEN GMBH & CO [DE]

**AP** - BR 9900607/99-A 19990323 [1999BR-0000607]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/36; C09B-067/38; D06P-001/02

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2 / 16 INPADOC - ©INPADOC

**PN** - CA 2266189 AA 19990923 [CA2266189]  
**TI** - DISPERSE AZO DYE MIXTURES  
MELANGES DE COLORANTS AZOIQUES DISPERSES  
**LA** - ENG  
**IN** - HOPPE MANFRED [DE]; SEKIOKA RYOUICHI [JP]; HIMENO KIYOSHI  
[JP]  
**PA** - DYSTAR TEXTILFARBEN GMBH & CO [DE]  
**AP** - CA 2266189/99-A 19990319 [1999CA-2266189]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-029/085; D06P-001/02; C09B-029/26

---

1 / 1 LEGALI - ©EPO

**PN** - CA2266189 A1 19990923 [CA2266189]  
**AP** - CA2266189 19990319 [1999CA-2266189]  
**ACTE** - 20030820 CA/EEER-A [+]  
EXAMINATION REQUEST  
EFFECTIVE DATE: 20030307  
**UP** - 2004-09

---

3 / 16 INPADOC - ©INPADOC

**PN** - CN 1113941 C 20030709 [CN1113941]  
**TI** - Disperse azo dye mixtures  
**IN** - HOPPE M [DE]; KIYOSHI HIMENO [DE]; TOICHI SEKIOKA [DE]  
**PA** - DYSTAR TEXTIFARBEN GMBH & CO D [DE]  
**AP** - CN 99104177/99-A 19990323 [1999CN-0104177]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/38; D06P-001/18

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4 / 16 INPADOC - ©INPADOC

**PN** - CN 1445310 A 20031001 [CN1445310]  
**TI** - Dispers ozoic dyestuff mixture  
**IN** - HEUPE M [DE]; KIYOSHI MOTONO [DE]; MATAICHI SEIKOKA [DE]  
**PA** - DYSTAR TEXILAFARBEN GMBH & CO [DE]

**AP** - CN 2003107038/03-A 20030225 [2003CN-0107038]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/36

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5 / 16 INPADOC - ©INPADOC

**PN** - CN 1230575 A 19991006 [CN1230575]  
**TI** - DISPERSE AZO DYE MIXTURES  
**IN** - HOPPE M [DE]; KIYOSHI HIMENO [DE]; TOICHI SEKIOKA [DE]  
**PA** - DYSTAR TEXTIFARBEN GMBH & CO D [DE]  
**AP** - CN 99104177/99-A 19990323 [1999CN-0104177]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/38; D06P-001/18

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6 / 16 INPADOC - ©INPADOC

**PN** - DE 59900612 C0 20020221 [DE59900612]  
**TI** - DISPERSIONSAZOFARBSTOFFMISCHUNGEN  
**IN** - HOPPE MANFRED DR [DE]; HIMENO KIYOSHI [JP]; SEKIOKA RYOUICHI [JP]  
**PA** - DYSTAR TEXTILFARBEN GMBH & CO [DE]  
**AP** - DE 59900612/99-A 19990311 [1999DE-5000612]  
**PR** - DE 59900612/99-A 19990311 [1999DE-5000612]  
DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/22

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1 / 1 LEGALI - ©EPO

**PN** - DE59900612 D1 20020221 [DE59900612]  
**AP** - DE59900612 19990311 [1999DE-5000612]  
**ACTE** - 20030123 DE/8363-A [-]  
OPPOSITION AGAINST THE PATENT  
**UP** - 2003-22

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7 / 16 INPADOC - ©INPADOC

**PN** - DE 19816056 A1 19990930 [DE19816056]  
**TI** - DISPERSIONSAZOFARBSTOFFMISCHUNGEN  
**IN** - HOPPE MANFRED [DE]; HIMENO KIYOSHI [JP]; SEKIOKA RYOICHI [JP]  
**PA** - DYSTAR TEXTILFARBEN GMBH & CO [DE]  
**AP** - DE 19816056/98-A 19980409 [1998DE-1016056]  
**PR** - DE 19816056/98-A 19980409 [1998DE-1016056]

DE 19812615/98-A1 19980323 [1998DE-1012615]  
**IC** - C09B-067/22; C09B-067/36; C09B-067/38; D06P-001/18; D06P-003/54; C08J-003/20

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*1 / 1 LEGALI - ©EPO*

**PN** - DE19816056 A1 19990930 [DE19816056]  
**AP** - DE19816056 19980409 [1998DE-1016056]  
**ACTE** - 20010510 DE/8139-A [-]  
DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE  
**UP** - 2003-22

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*8 / 16 INPADOC - ©INPADOC*

**PN** - EP 945493 B1 20020116 [EP-945493]  
**TI** - MIXTURES OF MONOAZO DISPERSE DYES  
**LA** - GER  
**IN** - HOPPE MANFRED DR [DE]; HIMENO KIYOSHI [JP]; SEKIOKA RYOUICHI [JP]  
**PA** - DYSTAR TEXTILFARBEN GMBH & CO [DE]  
**AP** - EP 99104880/99-A 19990311 [1999EP-0104880]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/22  
**DS** - CH\* DE\* ES\* FR\* GB\* IT\* LI\*

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*1 / 2 LEGALI - ©EPO*

**PN** - ES2172266 T3 20020916 [ES2172266]  
**AP** - ES99104880T 19990311 [1999ES-0104880]  
**ACTE** - 20020916 ES/FG2A-T  
DEFINITIVE PROTECTION  
(EP 945493 - [EP-945493] )  
**UP** - 2003-22

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*2 / 2 LEGALI - ©EPO*

**PN** - EP0945493 A1 19990929 [EP-945493]EP0945493 B1 20020116 [EP-945493]  
**AP** - EP99104880 19990311 [1999EP-0104880]  
**ACTE** -  
19990929 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
CH DE ES FR GB IT LI  
  
19990929 EP/AX-A [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
AL;LT;LV;MK;RO;SI

20000524 EP/17P-A [+]  
REQUEST FOR EXAMINATION FILED  
EFFECTIVE DATE: 20000329

20000614 EP/AKX-A [+]  
PAYMENT OF DESIGNATION FEES  
CH DE ES FR GB IT LI

20001004 EP/17Q-A [+]  
FIRST EXAMINATION REPORT  
EFFECTIVE DATE: 20000817

20020101 EP/REG-A; GB/IF02 [+]  
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
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20020116 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
CH DE ES FR GB IT LI

20020131 EP/REG-A; CH/EP [+]  
CH: ENTRY IN THE NATIONAL PHASE  
<CH>

20020221 EP/REF-A  
CORRESPONDS TO:  
(DE 59900612 20020221 [DE59900612])

20020501 EP/GBT-A [+]  
GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)  
EFFECTIVE DATE: 20020407

20020503 EP/ET-A [+]  
FR: TRANSLATION FILED

20020916 EP/REG-A; ES/FG2A  
ES: DEFINITIVE PROTECTION  
(ES 2172266T3 [ES2172266])

20021211 EP/26-A [-]  
OPPOSITION FILED  
OPPONENT: CLARIANT INTERNATIONAL LTD.; EFFECTIVE DATE:  
20021016

20021211 EP/26-A [-]  
OPPOSITION FILED  
OPPONENT: M. DOHMEN GMBH; EFFECTIVE DATE: 20021016

UP - 2004-06



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9 / 16 INPADOC - ©INPADOC

**PN** - EP 945493 A1 19990929 [EP-945493]  
**TI** - MIXTURES OF MONOAZO DISPERSE DYES  
**LA** - GER  
**IN** - HOPPE MANFRED DR [DE]; HIMENO KIYOSHI [JP]; SEKIOKA RYUICHI [JP]  
**PA** - DYSTAR TEXTILFARBEN GMBH & CO [DE]  
**AP** - EP 99104880/99-A 19990311 [1999EP-0104880]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
 DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/22  
**DS** - CH\* DE\* ES\* FR\* GB\* IT\* LI\*

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## 1 / 2 LEGALI - ©EPO

**PN** - ES2172266 T3 20020916 [ES2172266]  
**AP** - ES99104880T 19990311 [1999ES-0104880]  
**ACTE** - 20020916 ES/FG2A-T  
 DEFINITIVE PROTECTION  
 (EP 945493 - [EP-945493] )  
**UP** - 2003-22

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## 2 / 2 LEGALI - ©EPO

**PN** - EP0945493 A1 19990929 [EP-945493]EP0945493 B1 20020116 [EP-945493]  
**AP** - EP99104880 19990311 [1999EP-0104880]  
**ACTE** - 19990929 EP/AK-A [+]  
 DESIGNATED CONTRACTING STATES:  
 CH DE ES FR GB IT LI  
  
 19990929 EP/AX-A [+]  
 EXTENSION OF THE EUROPEAN PATENT TO  
 AL;LT;LV;MK;RO;SI  
  
 20000524 EP/17P-A [+]  
 REQUEST FOR EXAMINATION FILED  
 EFFECTIVE DATE: 20000329  
  
 20000614 EP/AKX-A [+]  
 PAYMENT OF DESIGNATION FEES  
 CH DE ES FR GB IT LI  
  
 20001004 EP/17Q-A [+]  
 FIRST EXAMINATION REPORT  
 EFFECTIVE DATE: 20000817  
  
 20020101 EP/REG-A; GB/IF02 [+]

GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
<GB>

20020116 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
CH DE ES FR GB IT LI

20020131 EP/REG-A; CH/EP [+]  
CH: ENTRY IN THE NATIONAL PHASE  
<CH>

20020221 EP/REF-A  
CORRESPONDS TO:  
(DE 59900612 20020221 [DE59900612])

20020501 EP/GBT-A [+]  
GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)  
EFFECTIVE DATE: 20020407

20020503 EP/ET-A [+]  
FR: TRANSLATION FILED

20020916 EP/REG-A; ES/FG2A  
ES: DEFINITIVE PROTECTION  
(ES 2172266T3 [ES2172266])

20021211 EP/26-A [-]  
OPPOSITION FILED  
OPPONENT: CLARIANT INTERNATIONAL LTD.; EFFECTIVE DATE:  
20021016

20021211 EP/26-A [-]  
OPPOSITION FILED  
OPPONENT: M. DOHMEN GMBH; EFFECTIVE DATE: 20021016

UP - 2004-06

---

10 / 16 INPADOC - ©INPADOC

PN - ES 2172266 T3 20020916 [ES2172266]  
TI - MEZCLAS DE COLORANTES MONOAZOICOS DISPERSADOS.  
IN - HOPPE MANFRED DR [DE]; HIMENO KIYOSHI [JP]; SEKIOKA  
RYOUICHI [JP]  
PA - DYSTAR TEXTILFARBEN GMBH & CO  
AP - ES 99104880/99-EP 19990311 [1999EP-0104880]  
PR - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
IC - C09B-067/22

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*1 / 1 LEGALI - ©EPO*

**PN** - ES2172266 T3 20020916 [ES2172266]  
**AP** - ES99104880T 19990311 [1999ES-0104880]  
**ACTE** - 20020916 ES/FG2A-T  
DEFINITIVE PROTECTION  
(EP 945493 - [EP-945493] )  
**UP** - 2003-22

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*11 / 16 INPADOC - ©INPADOC*

**PN** - ID 22242 A 19990923 [ID--22242]  
**TI** - PENYEBARAN CAMPURAN-CAMPURAN ZAT WARNA AZO  
**IN** - HOPPE MANFRED DR [DE]; HIMENO KIYOSHI [JP]; SEKIOKA RYOUICHI [JP]  
**PA** - DYSTAR TEXTILFARBEN GMBH & CO [DE]  
**AP** - ID 990251/99-A 19990322 [1999ID-0000251]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-000/A; D06B-000/B; C08J-000/B

---

*12 / 16 INPADOC - ©INPADOC*

**PN** - JP 2000026751 A2 20000125 [JP2000026751]  
**TI** - DISPERSED AZO DYE MIXTURE  
**IN** - HOPPE MANFRED; HIMENO KIYOSHI; SEKIOKA RYOICHI  
**PA** - DYSTAR TEXTILFARBEN GMBH & CO  
**AP** - JP 75818/99-A 19990319 [1999JP-0075818]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/22; C09B-067/40; D06P-003/54

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*13 / 16 INPADOC - ©INPADOC*

**PN** - JP 3290156 B2 20020610 [JP3290156]  
**AP** - JP 75818/99-A 19990319 [1999JP-0075818]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/22; C09B-067/40; D06P-003/54

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*14 / 16 INPADOC - ©INPADOC*

**PN** - TR 9900642 A2 20000522 [TR9900642]  
**TI** - Dagitilmis azo boya karisimleri.  
**IN** - HOPPE DR MANFRED; HIMENO KIYOSHI; SEKIOKA RYOUICHI  
**PA** - DYSTAR TEXTILFARBEN GMBH & CO [DE]

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**AP** - TR 9900642/99-A 19990323 [1999TR-0000642]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-067/22; C09B-029/085; C09B-067/38; C09B-067/40

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**PN** - TW 522164 B 20030301 [TW-522164]  
**TI** - Dye mixtures, dye preparations comprising the same and processes for producing the dye preparations  
**IN** - HOPPE MANFRED [DE]; HIMENO KIYOSHI [JP]; SEKIOKA RYOUICHI [JP]  
**PA** - DYSTAR TEXTILFARBEN GMBH & AMP [DE]  
**AP** - TW 88104448/99-A 19990322 [1999TW-0104448]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C09B-055/00; D06P-001/18

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**PN** - TW522164 B 20030301 [TW-522164]  
**AP** - TW88104448 19990322 [1999TW-0104448]  
**ACTE** - 20030721 TW/GD4A-A [+]  
ISSUE OF PATENT CERTIFICATE FOR GRANTED INVENTION PATENT  
**UP** - 2004-28

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*16 / 16 INPADOC - ©INPADOC*

**PN** - US 6121352 A 20000919 [US6121352]  
**TI** - DISPERSE AZO DYE MIXTURES  
**IN** - HOPPE MANFRED [DE]; HIMENO KIYOSHI [JP]; SEKIOKA RYOUICHI [JP]  
**PA** - DYSTAR TEXTIFARBEN GMBH & CO [DE]  
**AP** - US 271820/99-A 19990318 [1999US-0271820]  
**PR** - DE 19812615/98-A 19980323 [1998DE-1012615]  
DE 19816056/98-A 19980409 [1998DE-1016056]  
**IC** - C08K-005/34; D06P-003/82

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**PN** - US6121352 A 20000919 [US6121352]  
**AP** - US27182099 19990318 [1999US-0271820]  
**ACTE** - 20031028 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20030702  
**UP** - 2003-45

Search statement 2

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LEVEL 1 - 1 PATENT

1. 6121352 , September 19, 2000 , Disperse azo dye mixtures, Hoppe, Manfred - Kurten, Germany (DE); Himeno, Kiyoshi - Fukuoka, Japan (JP); Sekioka, Ryouichi - Kitakyusyu, Japan (JP), 271820 (09), Dystar Textifarben GmbH & Co., Germany (DE), 03, March 18, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., DYSTAR TEXTILFARBEN GMBH & CO. D60318 FRANKFURT GERMANY, Reel and Frame Number: 09837/0191

CORE TERMS: sub, dye, formula, mixture, sup, dyeing, preparation, dispersant, optionally, polyester ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6121352

September 19, 2000

Disperse azo dye mixtures

REISSUE: July 2, 2003 - Reissue Application filed Ex. Gp.: 1714; Re. S.N.  
10/613,002 (O.G. October 28, 2003)

APPL-NO: 271820 (09)

FILED-DATE: March 18, 1999

GRANTED-DATE: September 19, 2000

CORE TERMS: sub, dye, formula, mixture, sup, dyeing, preparation, dispersant,  
optionally, polyester ...



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